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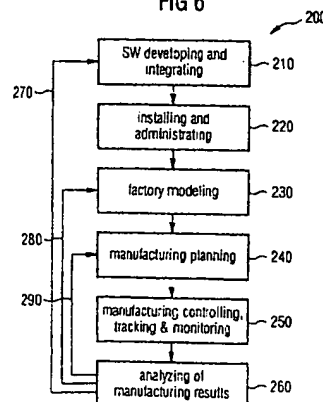
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## (54) Computer integrated manufacturing techniques

(57) The present invention provides a novel distributed factory system framework including a novel factory automation lifecycle (200) having lifecycle activities for SW developing and integrating (210), installing and administering (220), factory modeling (230), manufacturing planning (240), manufacturing controlling, monitoring and tracking (250) and analyzing of manufacturing results (260). The factory lifecycle comprises framework components. The distributed factory system framework also includes application components and SW building blocks. The framework components are adapted for managing the application components, while the application components are utilized to provide instructions for managing a process such as a wafer fab. The building blocks are adapted for forming or modifying framework and application components. The distributed factory system framework provides computer implemented

methods for integrating processing systems and facilitates process and equipment changes.

FIG 6



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 11 5577

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			G05B
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 27 September 2001	Examiner Helot, H
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